

INPUT SET: S30840.raw

This Raw Listing contains the General  
Information Section and up to the first 5 pages.

## SEQUENCE LISTING

ENTERED

1  
2  
3 (1) General Information:  
4  
5 (i) APPLICANT: Ni, Jian  
6 Yu, Guo-Liang  
7 Alfonso, Pedro  
8 Gentz, Reiner  
9 Su, Jeffrey S.  
10  
11 (ii) TITLE OF INVENTION: Human Chemotactic Cytokine I  
12  
13 (iii) NUMBER OF SEQUENCES: 9  
14  
15 (iv) CORRESPONDENCE ADDRESS:  
16 (A) ADDRESSEE: Human Genome Sciences, Inc.  
17 (B) STREET: 9410 Key West Ave  
18 (C) CITY: Rockville  
19 (D) STATE: MD  
20 (E) COUNTRY: USA  
21 (F) ZIP: 20850  
22  
23 (v) COMPUTER READABLE FORM:  
24 (A) MEDIUM TYPE: Floppy disk  
25 (B) COMPUTER: IBM PC compatible  
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS  
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.30  
28  
29 (vi) CURRENT APPLICATION DATA:  
30 (A) APPLICATION NUMBER:  
31 (B) FILING DATE:  
32 (C) CLASSIFICATION:  
33  
34 (vii) PRIOR APPLICATION DATA:  
35 (A) APPLICATION NUMBER: US 08/761,289  
36 (B) FILING DATE: 06-DEC-1996  
37  
38 (vii) PRIOR APPLICATION DATA:  
39 (A) APPLICATION NUMBER: US 06/008,378  
40 (B) FILING DATE: 08-DEC-1995  
41  
42 (viii) ATTORNEY/AGENT INFORMATION:  
43 (A) NAME: Brookes, A. Anders  
44 (B) REGISTRATION NUMBER: 36,373  
45 (C) REFERENCE/DOCKET NUMBER: PF210D1  
46

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47 (ix) TELECOMMUNICATION INFORMATION:  
48 (A) TELEPHONE: 301-309-8504  
49 (B) TELEFAX: 301-309-8439

50

51

52 (2) INFORMATION FOR SEQ ID NO:1:

53

54 (i) SEQUENCE CHARACTERISTICS:  
55 (A) LENGTH: 480 base pairs  
56 (B) TYPE: nucleic acid  
57 (C) STRANDEDNESS: single  
58 (D) TOPOLOGY: linear

59

60 (ii) MOLECULE TYPE: DNA (genomic)

61

62

63 (ix) FEATURE:  
64 (A) NAME/KEY: CDS  
65 (B) LOCATION: 76..351

66

67

68 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

69

70 CACGAGCACC ACTGCTGGCT TTTGCTGTA GCTCCACATT CCTGTGCATT GAGGGGTTAA 60

71

72 CATTAGGCTG GGAAG ATG ACA AAA CTT GAA GAG CAT CTG GAG GGA ATT GTC 111  
Met Thr Lys Leu Glu Glu His Leu Glu Gly Ile Val  
73 1 5 10

74

75 AAT ATC TTC CAC CAA TAC TCA GTT CGG AAG GGG CAT TTT GAC ACC CTC 159  
Asn Ile Phe His Gln Tyr Ser Val Arg Lys Gly His Phe Asp Thr Leu  
76 15 20 25

77

78 TCT AAG GGT GAG CTG AAG CAG CTG CTT ACA AAG GAG CTT GCA AAC ACC 207  
Ser Lys Gly Glu Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala Asn Thr  
80 30 35 40

81

82 ATC AAG AAT ATC AAA GAT AAA GCT GTC ATT GAT GAA ATA TTC CAA GGC 255  
Ile Lys Asn Ile Lys Asp Lys Ala Val Ile Asp Glu Ile Phe Gln Gly  
84 45 50 55 60

85

86 CTG GAT GCT AAT CAA GAT GAA CAG GTC GAC TTT CAA GAA TTC ATA TCC 303  
Leu Asp Ala Asn Gln Asp Glu Gln Val Asp Phe Gln Glu Phe Ile Ser  
88 65 70 75

89

90 CTG GTA GCC ATT GCG CTG AAG GCT GCC CAT TAC CAC ACC CAC AAA GAG 351  
Leu Val Ala Ile Ala Leu Lys Ala Ala His Tyr His Thr His Lys Glu  
92 80 85 90

93

94 TAGGTAGCTC TCTGAAGGCT TTTTACCCAG CAATGTCCTC AATGGAGGGG TCTTTCTTT 411  
96 GCCTCACCAA AACCCAGCTT GACCCCTGGG GGGAGTTAAG AGTTAATAAC CACACTTACG 471  
98 99

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480

100 GAAAGTTCT

101

102

103 (2) INFORMATION FOR SEQ ID NO:2:

104

105 (i) SEQUENCE CHARACTERISTICS:  
106 (A) LENGTH: 92 amino acids  
107 (B) TYPE: amino acid  
108 (D) TOPOLOGY: linear

109

110 (ii) MOLECULE TYPE: protein

111

112 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

113

114 Met Thr Lys Leu Glu Glu His Leu Glu Gly Ile Val Asn Ile Phe His  
115 1 5 10 15

116

117 Gln Tyr Ser Val Arg Lys Gly His Phe Asp Thr Leu Ser Lys Gly Glu  
118 20 25 30

119

120 Leu Lys Gln Leu Leu Thr Lys Glu Leu Ala Asn Thr Ile Lys Asn Ile  
121 35 40 45

122

123 Lys Asp Lys Ala Val Ile Asp Glu Ile Phe Gln Gly Leu Asp Ala Asn  
124 50 55 60

125

126 Gln Asp Glu Gln Val Asp Phe Gln Glu Phe Ile Ser Leu Val Ala Ile  
127 65 70 75 80

128

129 Ala Leu Lys Ala Ala His Tyr His Thr His Lys Glu  
130 85 90

131

132 (2) INFORMATION FOR SEQ ID NO:3:

133

134 (i) SEQUENCE CHARACTERISTICS:  
135 (A) LENGTH: 22 base pairs  
136 (B) TYPE: nucleic acid  
137 (C) STRANDEDNESS: single  
138 (D) TOPOLOGY: linear

139

140 (ii) MOLECULE TYPE: DNA (genomic)

141

142

143

144

145 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:

146

147 CGCGGATCCA TGACAAAATC TG

22

148

149 (2) INFORMATION FOR SEQ ID NO:4:

150

151 (i) SEQUENCE CHARACTERISTICS:  
152 (A) LENGTH: 28 base pairs

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153 (B) TYPE: nucleic acid  
154 (C) STRANDEDNESS: single  
155 (D) TOPOLOGY: linear  
156  
157 (ii) MOLECULE TYPE: DNA (genomic)  
158  
159  
160  
161  
162 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:  
163  
164 CGCGGGATCCC TACTCTTGT GGGTGTGG 28  
165  
166 (2) INFORMATION FOR SEQ ID NO:5:  
167  
168 (i) SEQUENCE CHARACTERISTICS:  
169 (A) LENGTH: 31 base pairs  
170 (B) TYPE: nucleic acid  
171 (C) STRANDEDNESS: single  
172 (D) TOPOLOGY: linear  
173  
174 (ii) MOLECULE TYPE: DNA (genomic)  
175  
176  
177  
178  
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:  
180  
181 GCGCGGATCC ACCATGACAA AACTTGAAGA G 31  
182  
183 (2) INFORMATION FOR SEQ ID NO:6:  
184  
185 (i) SEQUENCE CHARACTERISTICS:  
186 (A) LENGTH: 55 base pairs  
187 (B) TYPE: nucleic acid  
188 (C) STRANDEDNESS: single  
189 (D) TOPOLOGY: linear  
190  
191 (ii) MOLECULE TYPE: DNA (genomic)  
192  
193  
194  
195  
196 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:  
197  
198 GCGCTCTAGA TCAAGCGTAG TCTGGGACGT CGTATGGGTA CTCTTTGTGG GTGTG 55  
199  
200 (2) INFORMATION FOR SEQ ID NO:7:  
201  
202 (i) SEQUENCE CHARACTERISTICS:  
203 (A) LENGTH: 29 base pairs  
204 (B) TYPE: nucleic acid  
205 (C) STRANDEDNESS: single

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206 (D) TOPOLOGY: linear  
207  
208 (ii) MOLECULE TYPE: DNA (genomic)  
209  
210  
211  
212  
213 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:  
214  
215 CGCGGATCCC ACAAAACTTG AAGAGCATC 29  
216  
217 (2) INFORMATION FOR SEQ ID NO:8:  
218  
219 (i) SEQUENCE CHARACTERISTICS:  
220 (A) LENGTH: 28 base pairs  
221 (B) TYPE: nucleic acid  
222 (C) STRANDEDNESS: single  
223 (D) TOPOLOGY: linear  
224  
225 (ii) MOLECULE TYPE: DNA (genomic)  
226  
227  
228  
229  
230 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:  
231  
232 CGCGGATCCC TACTCTTG GGGTGTGG 28  
233  
234 (2) INFORMATION FOR SEQ ID NO:9:  
235  
236 (i) SEQUENCE CHARACTERISTICS:  
237 (A) LENGTH: 100 amino acids  
238 (B) TYPE: amino acid  
239 (C) STRANDEDNESS: single  
240 (D) TOPOLOGY: linear  
241  
242 (ii) MOLECULE TYPE: protein  
243  
244  
245  
246  
247 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:  
248  
249 Met Thr Cys Lys Met Ser Gln Leu Glu Arg Asn Ile Glu Thr Ile Ile  
250 1 5 10 15  
251  
252 Asn Thr Phe His Gln Tyr Ser Val Lys Leu Gly His Pro Asp Thr Leu  
253 20 25 30  
254  
255 Asn Gln Gly Glu Phe Lys Glu Leu Val Arg Lys Asp Leu Gln Asn Phe  
256 35 40 45  
257  
258 Leu Lys Lys Glu Asn Lys Asn Glu Val Ile Glu His Ile Met Glu

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**SEQUENCE VERIFICATION REPORT**  
PATENT APPLICATION **US/09/227,854**

DATE: 01/20/99  
TIME: 15:32:08

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Line

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Original Text